

IPW

**TRANSMITTAL  
FORM**

(to be used for all correspondence after initial filing)

|  |   |                        |                 |
|--|---|------------------------|-----------------|
|  |   | Application Number     | 10/602,548      |
|  |   | Filing Date            | June 23, 2003   |
|  |   | First Named Inventor   | Tang, Hongxing  |
|  |   | Art Unit               | 2855            |
|  |   | Examiner Name          | Allen, Andre J. |
| Total Number of Pages in This Submission | 6 | Attorney Docket Number | 009195-000520US |

**ENCLOSURES (Check all that apply)**

|  |   |   |
|--|---|---|
| <input type="checkbox"/> Fee Transmittal Form                                | <input type="checkbox"/> Drawing(s)                                       | <input type="checkbox"/> After Allowance Communication to Technology Center (TC)        |
| <input type="checkbox"/> Fee Attached  | <input type="checkbox"/> Licensing-related Papers                         | <input type="checkbox"/> Appeal Communication to Board of Appeals and Interferences     |
| <input checked="" type="checkbox"/> Amendment/Reply                          | <input type="checkbox"/> Petition   | <input type="checkbox"/> Appeal Communication to TC (Appeal Notice, Brief, Reply Brief) |
| <input type="checkbox"/> After Final   | <input type="checkbox"/> Petition to Convert to a Provisional Application | <input type="checkbox"/> Proprietary Information  |
| <input type="checkbox"/> Affidavits/declaration(s)                           | <input type="checkbox"/> Power of Attorney, Revocation                    | <input type="checkbox"/> Status Letter  |
| <input type="checkbox"/> Extension of Time Request                           | <input type="checkbox"/> Change of Correspondence Address                 | <input checked="" type="checkbox"/> Other Enclosure(s) (please identify below):         |
| <input type="checkbox"/> Express Abandonment Request                         | <input type="checkbox"/> Terminal Disclaimer                              | <input type="checkbox"/> Return Postcard  |
| <input type="checkbox"/> Information Disclosure Statement                    | <input type="checkbox"/> Request for Refund                               |   |
| <input type="checkbox"/> Certified Copy of Priority Document(s)              | <input type="checkbox"/> CD, Number of CD(s) _____                        |   |
| <input type="checkbox"/> Response to Missing Parts/ Incomplete Application   |   |   |
| <input type="checkbox"/> Response to Missing Parts under 37 CFR 1.52 or 1.53 |   |   |

|         |  |
|---------|--|
| Remarks | The Commissioner is authorized to charge any additional fees to Deposit Account 20-1430. |
|---------|--|

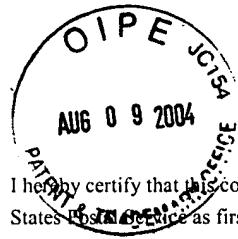
**SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT**

|                         |                                    |                 |
|-------------------------|------------------------------------|-----------------|
| Firm or Individual name | Townsend and Townsend and Crew LLP | Reg. No. 41,797 |
| Signature               |                                    |                 |
| Date                    | 08/04/2004                         |                 |

**CERTIFICATE OF TRANSMISSION/MAILING**

I hereby certify that this correspondence is being deposited with the United States Postal Service with sufficient postage as first class mail in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on the date shown below.

|                       |           |      |            |
|-----------------------|-----------|------|------------|
| Typed or printed name | Dana Kane |      |            |
| Signature             |           | Date | 08/04/2004 |



I hereby certify that this correspondence is being deposited with the United States Post Office as first class mail in an envelope addressed to:

**PATENT**  
Attorney Docket No.: 009195-000520US  
Client Ref. No.: CIT-3871

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

On August 8, 2004

TOWNSEND and TOWNSEND and CREW LLP,

By: John Lane

## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of:

Hongxing Tang et al.

Application No.: 10/602,548

Filed: June 23, 2003

For: SENSORS BASED ON GIANT  
PLANAR HALL EFFECT IN DILUTE  
MAGNETIC SEMICONDUCTORS

Customer No.: 20350

Confirmation No. 1228

Examiner: Allen, Andre J.

Technology Center/Art Unit: 2855

### AMENDMENT

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Sir:

In response to the Office Action mailed July 12, 2004, please enter the following amendments and remarks:

**Amendments to the Claims** are reflected in the listing of claims which begins on page 2 of this paper.

**Remarks/Arguments** begin on page 5 of this paper.